

NOVOZHILOV, M.G., doktor tekhn. nauk; TARTAKOVSKIY, B.N., kand. tekhn.
nauk; ESKIN, V.S.; SEREDA, G.L.; ROYZEN, Ya.Sh.

Main trends in the technology of strip mining in the mines of
the Pokrovskiy Mining and Ore Dressing Combine. Met. i gornorud.
prom. no.4:60-64 J1-Ag '65. (MIRA 18:10)

NOVOZHILOV, M.G., doktor tekhn. nauk; TARTAKOVSKIY, B.N., kand.
tekhn. nauk; ESKIN, V.S., kand. tekhn. nauk; KORSUNSKIY, G.Ya.,
inzh.

Parameters of an efficient flow-sheet for mining with belt
conveyor transportation. Ugol' Ukr. 10 no. 1:20-24
Ja '66. (MIRA 18:12)

1. Dnepropetrovskiy gornyy institut.

NOVOZHILOV, N.

A forewarning accident. Pozh.delo 5 no.1:13 Ja '59.
(MIRA 11:12)

1. Starshiy inspektor posharnoy chasti, Stalino.
(Photography--Films)

NOVOZHILOV, Nestor

Geological age of the Turga horizon in Transbaikalia. Mat. po
geol. i pol. iskop. Chit. obl. no.1:65-73 '63. (MIRA 17:6)

YARTSEV, M.A.; LANDE, P.A.; TULIN, N.A.; NOVOZHILOV, N.G.

Service of electric furnace linings at the Chelyabinsk Metallurgical
Plant. Stal' 23 no.5:429-432 My '63. (MIRA 16:5)
(Electric furnaces--Design and construction)

Novozhilov, N. I.

4331. Improvement of apparatus for determining
modulus of ring modulus of vulcanized rubber. N. I.
Novozhilov. Byull. po Otkritiyu i Izobremeniya. No. 2, 23-4; Kautsch. u. Kautsch. 1957, 18, No. 2, 40.

4E2c
2 may

RM may

NOVOZHILOV, N. I.

1947, Paleontological Inst., Acad. Sci., -1947-. "On Fragments of an Unknown Vertebrate in the Permian Deposits of the Southern Coast of Chukotka," Izv. AN, 59, No. 4, 1948; "Two New Pliosaura from the Lower Volga Stratum of the Volga Region," *ibid.*, 60, No. 1, 1948; "Some Peculiarities in the Skull Formation of the Pliosauridae," *ibid.*, No. 3, 1948.

NOVOZHILOV, N. I.

USSR/Geophysics - Reviews

May/Jun 52

"Review and Discussions"

"Iz Ak Nauk SSSR, Ser Geolog" No 3, pp 141-156

D. S. Belyankin, "Problems of Tuff Lava of Georgia"; Ye. Radkevich, "Concerning the I. Polotika's Work, General Properties of Gold Deposits"; N. I. Novozhilov, "Critical Analysis of Articles by Ye. M. Lyutkevich on Phyllopodous Crayfishes"; V. A. Obruchev, "Review of Works, Published in Trudy Instituta Geologicheskikh Nauk, Akademii Nauk SSSR, No 128, 1951"; K Paffengol'ts, "Short Answer on Remarks by V. P. Rengarten."

PA 220T69

1. NOVOZHILOV, N.I.
2. USSR (600)
4. Forest Fires
7. Traces of ancient forest fires., Priroda, 41, No.10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

NOVOZHILOV, N. I.

Phyllopoda

New generic groups of phyllopod crustacea of the Leaidae family. N. I. Novozhilov.
Dokl.AN SSSR 85 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 195²~~8~~, Uncl.

NOVOZHILOV, N.I.; PAVLOVSKIY, Ye.N., akademik.

Devonian bivalvular crustacean phyllopoda in Kursk Province.
Dokl. AN SSSR 91 no. 4: 947-948 Ag '53. (MLBA 6:8)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Paleontologicheskii
institut Akademii nauk SSSR.
(Kursk Province--Crustacea, Fossil) (Crustacea, Fossil--
Kursk Province)

NOVOZHILOV, N.I.; PAVLOVSKIY, E.M., akademik.

A new series of fossil bivalvular phyllopodan crustacea from the Devonian of Kara-Tau (Chimkents Province, Kazakh SSR). Dokl. AN SSSR 91 no.5:1207-1209 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Paleontologicheskiy institut Akademii nauk SSSR (for Novozhilov).
(Kara-Tau--Crustacea, Fossil) (Crustacea, Fossil--Kara-Tau)

NOVOZHILOV, N.I.; OBRUCHEV, V.A., akademik.

First finds of bivalvular crustacean phyllopoda in the Ostrog strata of the Kuznetsk Basin. Dokl.AN SSSR 92 no.4:827-829 0 '53. (MLRA 6:9)

1. Akademiya nauk SSSR (for Obruchev). 2. Paleontologicheskii institut
Akademii nauk SSSR (for Novozhilov).
(Kuznetsk Basin--Crustacea, Fossil) (Crustacea, Fossil--Kuznetsk Basin)

NOVOZHILOV, N. I.

"Phyllopodal Crustacea of the Upper Jurassic and Cretaceous of Mongolia,"
Tr. Paleontol. in-ta AN SSSR, 48, pp 7-124, 1954

The author studies the phyllopoda from various deposits of the upper Jurassic, Upper, and Lower Cretaceous of Mongolia. The deposits in the Anda-Khukh site (sometimes designated in the literature as the On-day-Sair site), not having a precise date (Upper Jurassic or Lower Cretaceous), have been referred to the upper layers of the Upper Jurassic (Purbeck). In the complex of Anda-Khukh species have been found forms known from the Upper Jurassic of Uel'd (Weld): *Pseudograptus murchisoniae* (Jones), *P. andrewsi* (Jones), *Liograptus subquadrata* (Sowerby), and also new species isolated by the author: *Liograptus curasiatica* Novoj. from the same site, and *L. jurassica* Novoj. and *Brachygraptus wardourensis* Novoj. from the Vardor Valley. He describes their significance as indicators of definite phases or environments. (RizhGeol, No 4, 1955)

Sum. No. 661, 7 Oct 55

NOVOZHILOV, N.I.

New species of bivalvular phylloped Crustacea from the Devonian
of southern Siberia. Dokl.AN SSSR 95 no.1:159-162 Mr '54.
(MLRA 7:3)

1. Paleontologicheskii institut Akademii nauk SSSR.
(Siberia--Crustacea, Fossil) (Crustacea, Fossil--Siberia)

NOVOZHILOV, N. I.

USSR/Geology - Paleontology

Card : 1/1

Authors : Novozhilov, N. I.

Title : Bivalvular phyllopoda crustacea - Leaiidae from coal deposits of Kazakhstan

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1241 - 1244, June 1954

Abstract : Scientific description is given of bivalvular phyllopoda crustacea of the Leaiidae Raymond family found in coal deposits of Kazakhstan USSR. Similar species were found in Pennsylvania USA and in Bulgaria. Three references. Table, drawings.

Institute : Acad. of Sc. USSR, Paleontological Institute

Presented by : Academician V. A. Obruchev, March 20, 1954

BELIAKOV, N.A. [deceased]; BUL'VANKER, E.Z.; DUBATOLOV, V.N.; YELFYSHEVA, R.S.;
KRISTOFOWICH, A.N. [deceased]; MAKSIMOVA, Z.A.; MODZADEVSKAYA, Ye.A.;
MELESHCHENKO, V.S.; MEKHOROSHEV, V.P.; NALIVKIN, B.V.; NOVOZHILOV, N.I.;
OBRUCHEV, D.V.; RZHONSNITSKAYA, M.A.; YANOV, E.N.; SPIRINA, N.I., redaktor;
GUROVA, O.A., tekhnicheskii redaktor

[Field atlas of characteristic complexes of fauna and flora of Devonian
deposits of the Minusinsk Basin] Polevoi atlas kharakternykh kompleksov
fauny i flory devonskikh otlozhenii Minusinskoii kotloviny, Sost. N.A.
Beliakov, i dr. Pod red. M.A.Rzhonsnitskoi i V.S.Meleshchenko, Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr, 1955. 139 p.
(MIRA 9:1)

1. Leningrad. Vsesoyuznyy geologicheskii institut.
(Minusinsk Basin--Geology, Stratigraphic--Devonian)

MELESHCHENKO, V.S.; NOVOZHILOV, N.I.

Significance of Phyllopeda in the stratigraphy of Devonian deposits of
intermontane depressions in the Sayan-Altai folded region. Mat. VSEGEI
no.9:120-126 '55. (MIRA 9:9)
(Sayan Mountains--Phyllopeda, Fossil)(Altai Mountains--Phyllopeda, Fossil)

NOVOZHILOV, N. I.

Belebey site of Permian Tetrapoda. (Mezen'-Belebey Cotylosauria
fauna complex of the second zone). Trudy Paleont. inst. no. 49:
190-201 '55. (MLRA 8:11)

(Belebey--Reptiles, Fossil)

NOVOZHILOV, N. I.

New bivalvian phyllopoda, Asmussiidae, found in Upper Devonian and Lower Carboniferous strata in Siberia. Dokl. AN SSSR 100 no.4:787-788 F '55. (MLRA 8:6)

1. Paleontologicheskii institut Akademii nauk SSSR. Predstavleno akademikom Ye, N. Pavlovskim.
(Krasnoyarsk Territory--Phyllopoda, Fossil)

NOVOZHILOV, N. I.

USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 47/60

Authors : Novozhilov, N. I.

Title : New bivalvular phyllopoda - Asmusiidae from Upper Devonian and lower carbon strata of Siberia

Periodical : Dok. AN SSSR 100/4: 789-791, Feb 1, 1955

Abstract : Announcement is made about the discovery of new bivalvular phyllopoda species of the Asmusiidae family in Upper Devonian and lower carbon strata of Siberia. Three USSR references (1953 and 1954). Illustrations.

Institution : Academy of Sciences, USSR, Paleontological Institute

Presented by: Academician E. N. Pavlovskiy, June 15, 1954

NOVOZHILOV, N. I.

USSR/Geology - Paleontology

Card 1/1 Pub. 22 - 35/47

Authors : Novozhilov, N. I.

Title : Remains of certain cirripedia in central Devonian layers of southern Siberia

Periodical : Dok. AN SSSR 100/6, 1161-1162, Feb 21, 1955

Abstract : Paleontological data are presented regarding the remains of certain types of cirripedia excavated from central Devonian layers in the Tuvinsk and Khakassk region of southern Siberia. One English reference (1951).
Drawing; illustrations.

Institution : Academy of Sciences USSR, Paleontological Institute

Presented by: Academician E. N. Pavlovskiy, November 15, 1954

NOVOZHILOV, N. I.

USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 38/49

Authors : Novozhilov, N. I.

Title : Early bivalvular phyllopoda crustacea- Polygrapta from the Devonian layers downstream of the Yuzhnyy Torgalik River

Periodical : Dok. AN SSSR 102/1, 153-155, May 1, 1955

Abstract : Geological-paleontological data are presented on early bivalvular phyllopedacrustacea (Polygrapta) discovered in Devonian layers of the Yuzhnyy Torgalik River (downstream) in Tuvin'sk, ASSR. Two USSR references (1955). Table; illustrations.

Institution : Acad. of Sc., USSR, Paleontological Inst.

Presented by : Academician V. A. Obruchev, July 6, 1954

Novozhilov, N. I.

15-1957-7-9058

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 33 (USSR)

AUTHOR: Leayidy, I., Novozhilov, N. I.

TITLE: Bivalved Phyllopod Crustaceans (Dvustvorchatyye listo-
nogiye rakoobraznyye)

PERIODICAL: Tr. Paleontol. in-ta AN SSSR, 1956, vol 61, p 144

ABSTRACT:

This is a re-examination of all the forms described up to the present which have keels or radial ribs on the valves (Leaiidae); they are known from Devonian to Middle Cretaceous from 45 localities in various countries and continents. In the systematic part, 137 species are described from 40 genera of the subfamilies Amphikoilinae, Monoleioloophinae, Hemicycloleaiine, Igorvarentsoviinae, Rostroleaiinae, Leaiinae, Liroleaiinae, Cycloleaiinae, Pracleaiinae, Estherielinae. In the chapter on the phylogenic development of Leaiidae, changes in the keel angle and the height-

Card 1/3

15-1957-7-9058

Bivalved Phyllopod Crustaceans (Cont.)

in the Carboniferous and Permian deposits of North America; in the Permian and Triassic rocks of the Kuznetsk basin; in the Permian rocks of the Ural region, Brazil, and Australia; in the Triassic rocks of Germany and Africa; and in the Cretaceous deposits of Japan and Africa. Fourteen tables, 87 figures, and a bibliography with 98 references are included.

Card 3/3

N. I. Novozhilov

NOVOZHILOV, Nestor I.

A new genus of bivalve phylloped crustacean of the Lealidae family;
Igorvarentsovia from the carboniferous. Dokl.AN SSSR 106 no.6:1087-
1090 P '56. (MLRA 9:7)

1.Paleontologicheskii institut Akademii nauk SSSR. Predstavleno aka-
demikom S.I.Mironovym.
(Karaganda Basin--Phyllopoda, Fossil)

NOVOZHILOV, Nestor I.; VARENTSOV, I.M.

New Conchostraca from the Givetien of Tuva. Dokl. AN SSSR, 110
no. 4:670-673 0 '56. (MIRA 10:1)

1. Paleontologicheskii institut Akademii nauk SSSR i Institut nefi
Akademii nauk SSSR. Predstavleno akademikom S.I. Mironovym.
(Tuva Autonomous Province--Lamellibranchiata, Fossil)

Novozhilov, N. I.

15-1957-7-9062

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 33 (USSR)

AUTHOR: Novozhilov, N. I.

TITLE: Phyllopod Crustaceans of the Leaiid Family (Listonogiye rakoobraznyye semeystva leayid)

PERIODICAL: Tr. Tomskogo un-ta, 1956, vol 135, pp 161-164.

ABSTRACT: A list of fifteen species and seven genera is given, with notes on their distribution in the Kuznets basin: twelve species from the Lower Permian, two from the Upper Permian, and one from the Lower Triassic.

Card 1/1

N. I. Novozhilov

NOVOZHILOV, Nestor

New Permian and Triassic Conchostraca from Yakutia, southern White
Russia, and the Ural Mountain region. Mat.k "Osn.paleont."
no.3:84-103 '59. (MIRA 15:7)
(Conchostraca, Fossil)

NOVOZHILOV, Nestor; RODENDORF, B.B., prof., doktor biolog.nauk, otv.red.;
SABLINA, T.B., red.izd-va; GUSEVA, A.P., tekhn,red.

[Devonian bivalve phyllopods; 26 plates and 74 illustrations]
Dvustvorchatye listonogie devona; s 26 tablitsami i 74 risunkami
v tekste. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p. (Akademiia
nauk SSSR. Paleontologicheskii institut. Trudy, vol.81) (MIRA 14:7)
(Brachipoda, Fossil)

MOLIN, Vladimir Afanas'yevich; NOVOZHILOV, Nestor Ivanovich;
CHERNOV, A.A., prof., doktor geol.-miner. nauk, otv.
red.[deceased]

[Permian and Triassic bivalve branchiopods in the north
of the U.S.S.R.] Dvustvorchatye listonogie permi i
triasa Severa SSSR. Moskva, Nauka, 1965. 116 p.
(MIRA 19:1)

NOVOZHILOV, N. I.

USSR/Scientists - Meteorology

Card 1/1 Pub. 86 - 12/37

Authors : Novosheilov, N. I.

Title : ~~Work of N. A. Morozov in the field of meteorology~~
: Work of N. A. Morozov in the field of meteorology

Periodical : Priroda 43/10, 79-82, Oct 1954

Abstract : A sketch is given of the life of N. A. Morozov, born 100 years ago. An account is given of various researches and writings of this scientist in the field of meteorology, which dealt largely with the formation of clouds and to some extent with the properties of the atmosphere in relation to aviation. Five Russian references (1907-1947). Illustration.

Institution : ...

Submitted : ...

NOVOZHILOV, N. I.

USSR/Meteorology - West European weather

Card 1/1 : Pub. 86 - 17/38

Authors : Novozhilov, N. I., Cand. Geogr. Sci.

Title : Peculiarities of the winter of 1953-1954 in Western Europe

Periodical : Priroda 43/12, 97-101, Dec 1954

Abstract : A detailed description is given of the severe cold, storms, and snowfall in the beginning of January 1954, in Sweden, Denmark, Belgium, Italy, Yugoslavia, France and England. This is contrasted with the usually mild weather caused by the action of the Gulf Stream. The causes of this severe weather are not analyzed beyond statements of the direction of air currents. Maps.

Institution :

Submitted :

AUTHOR: Novozhilov, N. I. 50-58-3-18/22

TITLE: Cloud Atlas (Atlas oblakov).
 Edited by A. Kh. Khragian. Publisher Gidrometeoizdat, L. 1957

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 3, pp 62-64 (USSR)

ABSTRACT: 17 years passed since the last edition of the cloud atlas (edited by A. F. Dyubyuk, 1940). During this time great achievements were made in the investigation of the clouds, only to mention the observations of influences upon the clouds which were made during this period on the basis of the investigation of microphysics. New valuable results of the cloud investigations were published in this time by A. M. Borovikov; N. I. Vul'fzon, Ye. G. Dyubyuk, Ye. G. Zak, I. G. Pchelko, Ye. S. Selezneva, V. I. Unukov, A. Kh. Khragian, A. P. Chuvayev, M. S. Shishkin and also by other authors. A great number of works on clouds was also published abroad. In this connection the new edition of the cloud atlas which takes into account these achievements is of great importance. In the explanatory text to the new atlas the exact international classification of clouds is first given - a result

Card 1/3

50-58-3-18/22

Cloud Atlas.

Edited by A. Kh. Khrgian. Publisher Gidrometeoizdat, L. 1957

of the work of the International Commission for the Investigation of Clouds and Hydrometeors (1949 - 1953) which was formed by resolution of the Meteorological World Organization for the Preparation of the New Edition of the International Atlas for Clouds and Sky Conditions, as well as of the work of the Cloud Commission of the Chief Administration of the Hydrometeorological Service which was founded for the compilation of the Soviet cloud atlas. The newest classification was generally accepted in the Soviet Union in 1954. The observed process was taken as basis for this classification: whether a convection, a wave motion or a uniform, orderly ascent of the air mass takes place. Thus the most modern classification of the clouds is fundamentally morphological and at the same time also takes into account the origin of the clouds. Therefore it can be designated as morphological-genetic, in contrast to the morphological classification of 1932. This classification, however, has some insignificant deficiencies. The classification of the upper cloud surface in the airplane observations can on the whole be acknowledged as felicitous. It permits to reflect the prevailing process of cloud formation and to determine

Card 2/3

Cloud Atlas.

50-58-3-18/22

Edited by A. K. Khrgian. Publisher Gidrometeoizdat, L. 1957

the cloud form in a number of cases. On the whole the explanatory text to the new atlas does not only permit to study the cloud atlas but also to obtain an up-to-date survey of all main problems of the science of clouds.

1. Clouds--Analysis
2. Clouds--Physical properties
3. Clouds--Configuration
4. Pictures--Applications

Card 3/3

SOV-26-58-11-45/49

AUTHOR: Novozhilov, N.I., Candidate of Geographical Sciences (Leningrad)

TITLE: The Month of Dull Weather (Mesyats pasmurnoy pogody)

PERIODICAL: Priroda, 1958, Nr 11, pp 124 - 125 (USSR)

ABSTRACT: The author describes the average weather in November in the mean zone of the European and, briefly, of a few other regions of the USSR. He adds some data on the upper layers of the earth atmosphere in November. There is 1 table.

1. Meteorology--USSR

Card 1/1

NOVOZHILOV, N.I.

Role of dynamic turbulence in the development of convection. Meteor.
1 gidrol. no.10:27-29 0 '60. (MIRA 13:10)
(Atmospheric turbulence)

NOVOZHILOV, N. I., kand.geograficheskikh nauk (Leningrad)

Summer clouds in Russia. Priroda 49 no.7:127
Jl '60. (MIRA 13:7)
(Clouds)

S/026/60/000/010/011/013
A166/A026

AUTHOR: Novozhilov, N.I., Candidate of Geographical Sciences (Leningrad)

TITLE: Silvery Clouds Over the Karelian Isthmus

PERIODICAL: Priroda, 1960, No. 10, pp. 80-81

TEXT: During the night of July 15-16, 1959, bright silvery clouds were observed over the central Karelian Isthmus. That same night similar clouds were observed by S.N. Sredinskiy over the Vitebskaya Oblast'. At about 2350 hours the whole northern half of the sky, till then cloudless, became covered by thin, bright non-homogeneous, opaque clouds, shifting slowly from E to W. The brightest patch was at 40° above the horizon, and the northern cloud edges were particularly bright. ✓
At 0115 hours the clouds began to shift from W to E. The phenomenon reached its culmination at 0145 hours with a very slight cloud shift from the north. At 0215 hours clear patches appeared in the north. At 0240 hours the clouds began to fade and by 0300 hours were visible only in the south. Remnants of the densest portions were faintly visible in the north. At 0315 hours the dawn wiped out the clouds and the sky continued cloudless. The night of July 16-17, showed only very faint signs of silvery clouds as spots in the northern sky near the zenith. Until 0117 hours the spots periodically reappeared with an angular size of 5-15°

Card 1/2

Silvery Clouds Over the Karelian Isthmus

S/026/60/000/010/011/013
A166/A026

and varied in brightness to give a pulsating effect. The synoptic situation on July 15-16 showed an anticyclone centered over the Baltic with a central pressure of 1022 mb. Up to the 100 mb level (16,700 meters) at 0300 hours on July 16 the winds were W and SW with a force of 60-80 km/h. The trough of the tropopause was centered over the area and the height of the tropopause at Leningrad was 10.2 km. Other accompanying phenomena: active sun flares in early July, high noon and day temperatures over Northern Europe (31° at Leningrad on July 13). There is 1 Soviet reference.

✓

Card 2/2

NOVOZHILCOV, N.I.

Tropospheric mesosphere. S. Sov. Sci. USSR. Ser. geogr. no. 2:334-
336 F '61. (1961:24:2)

1. Leningradskaya voyennaya inzhenernaya shkola
im. A.P. Mozhaishchego. (W1:2)

NOVOZHILOV, N.I.

Mechanism of the formation of lenticular clouds. Meteor. i gidrol.
no.3:25-28 Mr '61. (MIRA 14:2)
(Cloud physics)

NOVOZHILOV, N.I., kand.geograf.nauk (Leningrad)

Clouds of the land-and-sea-breeze strip along the Black Sea.
Priroda 50 no.7:104-106 J1 '61. (MIRA 14:6)
(Black Sea—Clouds)

NOVOZHILOV, N.I.

Wind conditions for the development of convective clouds.

Meteor. i gidrol. no.4:43-46 Ap '62. (MIRA 15:5)

(Winds) (Clouds)

NOVOZHILOV, N.I.; YABLOKOV, Yu.Ye.

"Man and the elements." A hydrometeorological desk calendar for
1964. Meteor. i gidrol. no.7:50-51 J1 '64 (MIRA 17:8)

NOVOZHILOV, N.I., kand.geograf.nauk (Leningrad)

Secret of the birth of showers. Priroda 53 no. 12:67-70 '64.
(MIRA 18:1)

ACC NR: AP7013725

SOURCE CODE: UR/0026/66/000/012/0038/0043

AUTHOR: Novozhilov, N. I. (Candidate of geographical sciences; Leningrad)

ORG: none

TITLE: In the world of clouds

SOURCE: Priroda, no. 12, 1966, 38-43

TOPIC TAGS: meteorologic satellite, meteorologic observation, cloud cover, mesometeorology

SUB CODE: 04

ABSTRACT: The author of the article cited below reviews the history of the study of mesoscale atmospheric processes, giving considerable attention to the recognition of their importance by such Russian scientists as A. I. Dobrovol'skiy in 1897, I. I. Kasatkin in 1905 and P. A. Rittikh in the 1920's. The opportunities presented for the study of mesoscale processes by the introduction of meteorological satellites in his opinion are not being fully exploited and he feels that radical changes must be introduced into standard meteorological services before satellite observations and ground observations can be combined to exploit all the valuable information which can be obtained

Card 1/2

UDC: 551.576

0933 2203

ACC NR: AP7013725

from study of mesoscale systems. At present satellites do not detect numerous mesoscale systems which can be noted near fronts solely on the basis of cloud height and therefore when only a single satellite is used, without participation of surface observers, weathermen cannot obtain a true idea concerning the true inhomogeneity of the cloud cover. The present-day methods of surface observation of cloud systems are essentially the same as 150 years ago and do not yield data useful even in making indirect judgments concerning mesoscale systems. The information being received from satellites concerning mesosystems cannot possibly be fully exploited until the great lag in the field of mesometeorology is eliminated, and particularly the great inadequacies of surface observations of clouds. Orig. art. has: 4 figures. [JPRS: 40,106]

Card 2/2

NOVOZHILOV, N.I.

Clouds over the sea. Okeanologiya 2 no.6:970-973 '62.
(MIRA 17:2)

1. Leningradskiy gidrometeorologicheskiy institut.

NOVOZHILOV, N.I.

Turbulent inversion is a result of the masojet action. Meteor.
i gidrol. no.10:33-36 0 '63. (MIRA 16:11)

1. Leningradskiy gidrometeorologicheskij institut.

NOVOZHILOV, N.I., kand. geograf. nauk (Leningrad)

New horizons in meteorology. Priroda 53 no.5:110-111 '64.
(MIRA 17:5)

NOVOZHILOV, N.I.

Carboniferous crustacean Conchostraca. Trudy SNIIGGIMS no.21:61
'62. (MIRA 16:12)

KAPEL'KA, V.I.; NOVOZHILOV, N.I.

Phylum Arthropoda. Class Crustacea: Subclass Branchiopodaidea
(Gnathostraca). Trudy SNIIGGIMS no.21:379-389 '62. (MIRA 16:12)

NOVOZHILOV, N.I., kand.geograf.nauk (Leningrad)

Mesometeorology. Priroda 54 no.10:34-39 '65.

(MIRA 18:10)

NOVOZHILOV, N. M. (Eng)

Welding

Questions concerning weldability of metals. Avtog. delo 23 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 195²~~8~~, Uncl.

NOVOLINILOV, N. I.

Dissertation: "Investigation of welding of steel by a melting electrode in an atmosphere of carbon dioxide gas." Cand. Tech. Sci., Central Sci. Res. Institute of Technology and Machine Building (TsNITMasht), Moscow, 1954, (Inzhenerivyy Zhurnal-Mashinostroyeniye, no. 7, Moscow, May 54)

Doc. 312, 23 Dec 1954

NOVOZHILOV, N.M.

met d

Index Aeronauticus
Review of Technical
Information
Vol. 10 No. 1
Jan. 1954
Workshop Processes -
Welding, Brazing.

191/191 191.191.89

Arg. Welding with Molten
Electrodes in a Protective
Gas Atmosphere

Aviagen.D.1
pp.4-8
Jan., 1953
U.S.S.R.

K.V. Lyubavski, N.M. Novozhilov
Low carbon, medium carbon, low alloy steel and stainless steel
have been welded in an atmosphere of carbon dioxide and its
mixtures with other gases. Gas consumption costs less than
that of the flux in submerged arc welding. This method is
particularly suitable for welding curved and short seams,
joining bosses to vessels and joining thin wall sheets.
(From Engrs. Dig., 14(4), 38, Sept., 1953, U.K.)

NOVOZHILOV, N.M., inzhener.

Some results of research on welding of steels with a melting electrode in an atmosphere of protecting gases. [Trudy] TSNITMASH 60:188-199 '53.

(MLA 6:11)

(Electric welding)

TS227.L66

TREASURE ISLAND BOOK REVIEW

AID 787 - S

NOVOZHILOV, N. M., Kand. of Tech. Sci.

VOPROSY METALLURGII DUGOVOY SVARKI V ZASHCHITNYKH GAZAKH (Problem of Arc Welding in Protective Gases). In K. V. Lyubavskiy, ed. Novoye v tekhnologii svarki (Innovations in the Welding Technique). MASHGIZ, 1955. p. 158-190.

The author presents some results of the investigation of welding under protective gases carried out by the Central Scientific Research Institute of Machine-Building Technology (TsNIITMASH), in regard to the formation of pores in the metal seams and the loss of elements of the oxidizing gases in the atmosphere. The author discusses certain reactions which occur between the gas and metal under welding, and makes 14 suggestions for practice. Twenty one mathematical formulae, 15 drawings and pictures, and 17 tables. 12 Russian references, 1936-1953.

1/1

NOVOZHILOV, N.M., kandidat tekhnicheskikh nauk

Formation of porosities in gas shielded welding with a melting electrode.
Svar. proizvod. no.4:9-13 Ap '55. (MIRA 8:9)

1. Tsentral'nyy Nauchno-issledovatel'skiy institut tekhnologii i
mashinostroyeniya. (Electric welding) (Protective atmospheres)

Novozhilov, N. M.

As welding in a protective atmosphere. In the USSR
and in the U.S.S.R. Novozhilov, N. M. 101.233. 101.233.
As a protective atmosphere for welding. In the USSR
and in the U.S.S.R. Novozhilov, N. M. 101.233. 101.233.

25

AID P - 4518

Subject : USSR/Engineering-Welding

Card 1/2 Pub. 107-a - 4/13

Author : Novozhilov, N. M.

Title : Automatic Welding Under Water with an Oxidizing Agent

Periodical : Svar. proizv., 2, 13-15, F 1956

Abstract : The author describes his laboratory experiments on automatic welding under water with the use of a mixture of carbon dioxide and oxygen (up to 34%). The MSt.3 steel plate and the Sv-20KhGSA electrode wire, fed by direct current of 200 to 300 amp and 29 to 31 v were used. A satisfactory stability of the arc under water, assuring a tight welded seam was established. Eight photos of micro and macro-structures of metal, 1 table and 1 drawing. 5 Russian references (1953-1955).

AID P - 5204

Subject : USSR/Engineering

Card 1/1 Pub. 107-a - 3/13

Authors : Novozhilov, N. M., Kand. of Tech. Sci. and A. M. Sokolova,
Eng.

Title : Welding with electric rivets in the atmosphere of carbon dioxide.

Periodical : Svar. proizv., 7, 10-13, J1 1956

Abstract : The authors describe their experimental work in welding with electric rivets - melting electrodes in the carbon dioxide atmosphere - and assert that this method has advantages over the welding with electric rivets under fluxes which is widely used in the industry. Five tables, 7 photos, 2 drawings; 4 Russian references (1953-55).

Institution : Central Scientific Research Institute of Machine-Building Technology (TsNIITMASH), with which both authors are affiliated.

Submitted : No date

TITLE: Properties of welds made in argon and in carbon dioxide.
(Svoystva svarnykh soyedineniy, vypolnennykh v argone i
uglekislom gaze). 135-1-5/14
made in argon. Welds on steel ЭИ 654 made in carbon dioxide
are less prone to develop cracks during welding than the welds
made under flux АН - 384А. Mechanical properties of weld metal
slightly vary with the steel composition and with the protec-
tive welding gas, but in general carbon dioxide proves a satis-
factory shielding medium.
The authors mention that the origin of the method of welding
by a melting electrode in carbon dioxide was developed by
ЦНИИТМАШ (Central Research Institute for Heavy Machine -
Building) in 1950-52.
The article contains 8 tables, 3 micro-photographs and 1
reference (Russian).

INSTITUTION: TsNIITMASH (ЦНИИТМАШ, Central Research Institute for
Heavy Machine Building).

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

NOVOZHILOV, Nikolay Mikhaylovich; SOKOLOVA, Aleksandra Mikhaylovna;
RAGAZINA, M.F., inzh., ved. red.; SHTERLING, S.Z., dots., red.;
SOROKINA, T.M., tekhn. red.

[Automatic and semiautomatic welding procedures for low-carbon and low-alloy steels using a consumable electrode in an atmosphere of carbon dioxide] Tekhnologiya avtomaticheskoi i poluavtomaticheskoi svarki malouglerodistykh i nizkolegirovannykh stalei plaviashechimsia elektrodom v srede uglekislogo gaza. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 18 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 12. No.M-58-50/5) (MIRA 16:3)

(Electric welding)

Novozhilov, Nikolay M. Maylovich, and Suslov, Valeriy Nikolayevich
PART I BOOK EXPLOITATION 754

Novozhilov, Nikolay M. Maylovich, and Suslov, Valeriy Nikolayevich

Svarka plavyashchimsya elektrodom v uglekislom gaze (Carbon-Dioxide Shielded Consumable Electrode Arc Welding) Moscow, Mashgiz, 1958. 193 p. 4,500 copies printed.

Ed.: Lemarin'ye, K.N., Engineer; Managing Ed. for literature on heavy machine building (Mashgiz): Golovin, S.Ya., Engineer.

PURPOSE: The book is intended for scientific workers, engineers and technicians in the welding industry.

COVERAGE: The book is based on the results of research work and industrial experience with carbon-dioxide shielded consumable electrode arc welding. The general problems confronting this kind of welding, the metallurgical characteristics of welding in a carbon-dioxide atmosphere, the effect of the operating conditions on the properties of welds and variations in the welding process in a shield of carbon dioxide are treated. Description of the equipment used, the fields of application, and of the economic and engineering indexes of the

Card 1/6

Carbon-Dioxide Shielded Consumable Electrode Arc Welding 754

process is given. Frequent mention is made of the Central Scientific Research Institute of Heavy Machine Building, the Scientific Research Institute of Aviation Technology, the All-Union Scientific Research Institute of Autogenous Treatment of Metals and of the Institute of Electric Welding imeni Ye.O. Paton. Chapters I, II, V and paragraphs 16-19 of Chapter IV and 29, 30, 33 of Chapter VI, the introduction and conclusion were written by Candidate of Technical Sciences N.M. Novozhilov. Chapters III, VII, paragraphs 20-22 of Chapter IV and 31, 32, 34 of Chapter VI were written by Candidate of Technical Sciences V.N. Suslov. Acknowledgment is extended to Engineer A.M. Sokolova for her efforts in preparing the manuscript for publication. There are 113 references of which 84 are Soviet, 27 English, 1 German and 1 French.

Card 2/6

Carbon-Dioxide Shielded Consumable Electrode Arc Welding 754

TABLE OF CONTENTS:

Foreword	3
Introduction	5
Ch. I. Characteristics of Welding in Shielding Gases	9
1. Protective properties of gases	9
2. Effect of protective gases on the characteristics of arc discharge	12
3. Melting of the electrode wire and transfer of metal drops through the arc	15
4. Reaction of protective gases with the metal during welding	16
5. Possibilities of using various gases as a protective atmosphere in consumable electrode arc welding	20
Ch. II. Some Metallurgical Characteristics of Welding in Carbon-Dioxide	28
6. Possibility of development of porosity	28
7. Possibility of hot crack formation	42
8. Alloy element losses in the weld zone	44
9. Effect of basic factors of the welding process on the loss of alloy elements	57
10. Materials used in carbon-dioxide welding	64
Card 3/6	

Carbon-Dioxide Shielded Consumable Electrode Arc Welding	754
Ch. III. Effect of the Welding Regime Parameters on the Productivity of the Process and on the Properties of Joints	73
11. Effect of the current	73
12. Effect of the arc voltage	79
13. Effect of the carbon-dioxide flow rate	83
14. Effect of the welding speed	86
15. Direct polarity welding characteristics	88
Ch. IV. Operating Conditions and the Technique of Welding Steels	94
16. Technique of welding in carbon dioxide	94
17. Welding low carbon steels	99
18. Welding low alloy steels	108
19. Welding high alloy steels	112
20. Properties of weld joints made on carbon steel castings	115
21. Operating conditions and techniques of welding defects in steel castings	127
22. Possible weld defects and how to prevent them	131

Card 4/6

Carbon-Dioxide Shielded Consumable Electrode Arc Welding	754
Ch. V. Special Cases of Using Carbon-Dioxide in Welding and Cutting	139
Metals	139
23. Electric-rivet welding in carbon-dioxide	141
24. Carbon-dioxide shielded welding with tubular electrodes	143
25. Carbon-dioxide shielded welding with a coated electrode	144
26. Use of carbon dioxide in underwater welding and cutting	146
27. Use of carbon dioxide in nonconsumable electrode welding	148
28. Gas-shielded metal cutting	150
Ch. VI. Equipment for Gas-shielded Welding	150
29. Principal units of welding apparatus for gas-shielded welding and their specifications	162
30. Domestic equipment for gas-shielded welding	167
31. The TsNIITMASH PEGSh-1 semiautomatic welding machine	170
32. Reconstructing the PSh-5 and PDSH-500 semiautomatic machines for welding in protective gases	175
33. Foreign equipment for welding in protective gases	178
34. Organization of the welding station and exploitation of the equipment	

Card 5/6

Carbon-Dioxide Shielded Consumable Electrode Arc Welding	754	
Ch. VII. Engineering and Economic Data and Safety Measures		181
35 Engineering and economic data for carbon-dioxide shielded Welding		181
36. Safety measures		184
Conclusion		187
Literature		189
AVAILABLE: Library of Congress		

GO/fal
10-29-58

Card 6/6

NOVOZHILOV, N M

135-58-4-17/19

AUTHOR: Tyul'kov, M.D., Candidate of Technical Sciences

TITLE: All-Union Scientific-Technical Conference on Welding in Shielding Gases (Vsesoyuznoye nauchno-tekhnicheskoye soveshchaniye po svarke v atmosfere zashchitnykh gazov)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 4, pp 46-47 (USSR)

ABSTRACT: An All-Union scientific-technical conference on problems of arc welding in shielding gas was organized at Leningrad in December 1957 by the NTO Mashprom and the Commission of Coordination of scientific research work in welding attached to the Institut metallurgii AN SSSR (Institute of Metallurgy of the AS USSR). There were 425 representatives of plants, scientific research institutes, Vuzes and other organizations and guests from People's Democracies present. The Conference was opened by Professor K.V. Lvubavskiy, Doctor of Technical Sciences, Head of the welding section of the Tsentral'noye pravleniye NTO Mashprom (NTO Mashprom Central Administration). The Conference heard the following reports: A.V. Petrov, Candidate of Technical Sciences, on work carried out by NIAT in shielding gas

Card 1/4

135-58-4-17/19

All-Union Scientific-Technical Conference on Welding in Shielding Gases

welding; N.M. Novozhilov, Candidate of Technical Sciences, on the influence of initial material composition on joints welded in carbon-dioxide; V.N. Suslov, Candidate of Technical Sciences on "Metallurgical Problems Relating to the Welding in Carbon-Dioxide of Heat-Resistant Perlite Steel"; I.D. Kulagin, Candidate of Technical Sciences, on Peculiarities of the Effect of a Direct Current Arc in Gases on Electrode Surfaces"; M.D. Tyul'kov, Candidate of Technical Sciences, on the welding of movable and immovable tube butt joints without supporting rings; K.V. Vasil'yev, Candidate of Technical Sciences, on works carried out at VNIIAvtogen in gas shielded welding and on new metal cutting methods; M.N. Vishnevskiy, Engineer, on the application of atomic-hydrogen welding in industry; S.A. Segal', engineer, on "Comparative Investigations of Heat-Resistant Alloy Joints (EI602, EI435, EI703) Carried out by Argon-Arc and Electric Arc Welding"; A.G. Mazel', Candidate of Technical Sciences, on the work carried out at VNIISTroyneft' in the investigation of mechanical properties of low-carbon steel joints in welding with fusing electrodes in carbon-dioxide

Card 2/4

135-58-4-17/19

All-Union Scientific-Technical Conference on Welding in Shielding Gases

and methods of improvement; S.N. Valeyev, engineer, and A.V. Mordvintseva, Candidate of Technical Sciences, on the technology of welding steel alloys in gas shields; A.S. Fal'kevich, Candidate of Technical Sciences, on the carbon-dioxide welding of oil-gas pipes; I.I. Zaruba, Candidate of Technical Sciences on welding in gas shields carried out at the institut elektrosvarki imeni Ye.O. Patona AN USSR (Institute of Electrowelding imeni Ye.O. Paton, of the AS UkrSSR); O.V. Meshkova, engineer, I.P. Prosyankin, engineer, F.A. Chernakov and others on problems of argon-arc welding of light alloys; F.Ye. Tret'yakov, M.Kh. Shorshorov, Candidates of Technical Sciences, A.P. Goryatchev and D.A. Polyakov, Engineers, on welding of titanium; B.A. D'yachkov on power sources for welding with fusible and infusible electrodes developed at VNIESO; S.M. Katler, Candidate of Technical Sciences on equipment for argon-arc welding with tungsten electrodes of aluminum alloys; A.S. Berman on new equipment for shielded gas welding; G.M. Kasprzhak, I.Ya. Rabinovich, Candidates of Technical Sciences, and Ye.I. Slepushkina, Engineer, on direct current power sources

Card 3/4

135-58-4-17/19

All-Union Scientific-Technical Conference on Welding in Shielding Gases

with universal characteristics for arc welding; V.A. Sini-
kov, Engineer, on "Equipment for Automatic Arc Welding
with Carbon Electrodes in CO₂"; P.T. Dmitriyev, Engineer,
on the automation of welding thin-walled, small-diameter,
IKh18N9T-steel tubes under assembly conditions. Guests
from Czechoslovakia, Poland and GDR delivered also reports.
The Conference decided to request the USSR Gosplan to de-
velop the production of welding equipment, accessory de-
vices, and electrodes, to cut the costs of 99.95% pure
argon, to take into consideration the need for semi-con-
ductor material in equipment production and to increase
the production of hose cables at the "Sevkabel'" Plant
for semi-automatic welding in CO₂.

AVAILABLE: Library of Congress

Card 4/4

135-58-7-3/20

AUTHOR: Novozhilov, N.M., Candidate of Technical Sciences, and
Sokolova, A.M., Engineer

TITLE: Development of Electrode Rods for Welding Low-Carbon and Low-Alloy Steels in Carbon Dioxide (Razrabotka elektrodnykh provolok dlya svarki malouglerodistykh i nizkolegirovannykh staley v uglekislom gaze)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 7, pp 1C-14 (USSR)

ABSTRACT: Three kinds of electrodes and their welding properties were investigated by TsNIITMASH and the following conclusions are made: Electrodes containing aluminum and titanium have no advantages over silico-manganese rods, as aluminum and titanium in "critical" concentrations are able to deteriorate the quality of welds. Satisfactory results in welding low-carbon steels in carbon dioxide can be obtained by using electrode rods containing silicon and manganese in the following proportions: 0.05-0.12 % C, 0.6-1.0 % Si and 1.4-2.4 % Mn. This composition can be used for welding various low-alloy steels in carbon dioxide. The addition of alloying elements such as Cr, Ni, Mo, Cu, etc., having a feeble affinity with oxygen, provides various weld properties. On the basis of these re-

Card 1/2

135-58-7-1/20

Development of Electrode Rods for Welding Low-Carbon and Low-Alloy Steels
in Carbon Dioxide

sults, obtained by experiments, TsNIITMASH developed the
"Sv-08GSA" and "Sv-08G2SA" electrode rods, ensuring good weld
qualities and diminished tendency toward pore and crack
formation.

There are 9 tables, 1 diagram, 2 graphs, 2 photos, 9 Soviet
and 4 English references.

ASSOCIATION: TsNIITMASH

1. Welding electrodes--Development 2. Steel--Welding

Card 2/2

25(1)

SCV/125-59-5-3,21

AUTHOR: Novozhilov, N. M., Candidate of Technical Sciences; Sokolova,
A. M., Engineer

TITLE: An Examination of the Properties of the Metal of Welding
Seams Made in Carbon Dioxide by Sv-08GSA and Sv-08G2SA Wires

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 5, pp 7-12 (USSR)

ABSTRACT: In 1956, TsNIITMASH developed the Sv-08GSA and Sv-08G2SA electrode wires for welding steel in CO₂. In comparison with the Sv-10GS and Sv-08GS wires previously used, the new electrode wires contain an increased amount of manganese and less aluminum. In the work described in this article, the properties of welded joints made with these wires (produced by TU-2-57 Mosgorsovnarkhoz) on a series of carbon and low-alloy steels is examined. The welding was carried out with electrode wires 2 mm in diameter and having a gas consumption of 1200 litres per hour. Nutritive carbon dioxide, specified in GOST 8050-56, was used. As a result of these investigations the following conclusions were drawn: 1) the electrode wires can be used for welding carbon and several low-alloy construction

Card 1/2

SOV/135-59-5-3/21

An Examination of the Properties of the Metal of Welding Seams Made in Carbon Dioxide by Sv-08GSA and Sv-08G2SA Wires

steels in CO₂; 2) the metal of the welded seam combines strength, ductility and high resilience at room and low temperatures and after mechanical aging; 3) the quality of non-metallic impurities contained in seams made with these wires was less than in seams made under flux by high-quality electrodes and in CO₂ with powder wire. It can be further minimized by reducing the amount of aluminum in the electrode wire. There are 10 tables, 3 photos, 2 graphs and 8 references, 6 of which are Soviet and 2 British.

ASSOCIATION: TsNIITMASH

Card 2/2

PIMENOVA, T.F., inzh.; NOVOZHILOV, N.M., kand.tekhn.nauk

Preparing carbon dioxide for welding from dry ice. Svar. proizv.
no.11:35-37 N '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti im. A.I.Mikoyana (for Pimenova). 2. Tsentral'-
nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya
(for Novozhilov). (Protective atmospheres) (Dry ice)

PIMENOVA, Tat'yana Fedorovna; NOVOZHILOV, Nikolay Mikhaylovich;
TEZIKOV, A.D., kand. tekhn. nauk, nauchnyy red.; KAPLUN,
M.S., red.; MAMONTOVA, N.N., tekhn. red.

[Use of dry ice in electric welding; scientific report]
Primenenie sukhogo l'da v elektrosvarochnoi tekhnike; nauchnoe
soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 36 p.
(MIRA 15:2)

(Electric welding) (Dry ice)

S/137/62/000/007/032/072
A057/A101

AUTHOR: Novozhilov, N. M.

TITLE: Welding in shielding gases

PERIODICAL: Referatiynny zhurnal, Metallurgiya, no. 7, 1962, 19, abstract 7E109
(In collection: "Avtomatiz. i mekhaniz. svarochn. proiz-va",
Kiyev, 1961, 84 - 93)

TEXT: Fields of application of gas-electric welding in the USSR are described. A description of new equipment for welding in shielding gases, developed by the NIAT, TsNIIITMASH, VNIIIAvtogen, and the Institute elektrosvarki im. Ye. O. Patona (Institute for Electrowelding imeni Ye. O. Paton) is given.

V. Klyuchnikova

[Abstracter's note: Complete translation]

Card 1/1

NOVOZHILOV, N.M., kand.tekhn.nauk; SOKOLOVA, A.M., inzh.

Quality and composition of sulfide inclusions in the weld metal during arc welding. Svar. proizvod. no.3:12-16 Mr '63. (MIRA 16:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

(Electric welding) (Steel--Inclusions)

NOVOZHILOV, N.M., kand. tekhn. nauk; SOKOLOVA, A.M., inzh.

Amount and composition of oxide inclusions in the joint
metal during arc welding. Svar. proizv. no.8:16-19 Ag '63.
(MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i mashinostroyeniya.

NOVOZHILOV, N.M., kand. tekhn. nauk

Gas content in the weldment of metal during arc welding.
Svar. proizv. no.1:15-17 Ja '64. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

NOVOZHILOV, N. M. (Candidate of Technical Sciences, TsNIITMash).

"CO₂ welding and the factors which have slowed down the wider application of the method of vacuum diffusion bonding".

Report presented at the 3rd Baltic Conference on Welding, convened by the Sovnarkhozes of the Lithuanian SSR, Latvian SSR, and Estonian SSR, 8-9 Apr 1964, Vilnius.

[Avtomaticeskaya SVARKA, No. 7, 1964 p. 95]

МІМЕНОВА, Т.П., Іван.; НОВОНИЦЬ, Н.М., канд. техн. наук

Нова все-Союзна Державна Стандартизація 8034-64 на ліквідатори вуглекислого газу.
Звар. проєкт. №9439-64 С. 1-2. М.Р. 1964

NOVOZHILOV, N.N.

Reorganization of the steam power plants. Perm. i spirt. prom.
30 no.7826-27 '64 (MIRA 1882)

1. Itkul'skiy spirtovoy zavod.

NOVOZHILOV, N.N.

Furnace wall for horizontal water-tube boilers. Spirt. prom. 24
no.5:30-31 '58. (MIRA 11:9)
(Boilers)

NOVOZHILOV, O.D., polkovnik meditsinskoy sluzhby

125th anniversary of the Leningrad District Military
Hospital. Voen. med. zhur. no.10:87-89 O '65.

(MIRA 18:11)

NOVOZHILOV, P.

19876 NOVOZHILOV, P. Zavodskoye dmostroyeniye - na uroven' peae dovoy
sovetskoy industrii. Arkhitektura i stroit-vo, 1949, No. 5, s. 14-17

SO: LETOPIS ZHURNAL STATEY, Vol. 27, MOSKVA, 1949.

NOVOZHILOV, P.

Combines (Agricultural Machinery)

Inferior handbook on automotive combine. MTS 13, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

NOVOZHILOV, P., inzhener, prepodavatel' avtomobila.

Valuable visual aid ("The GAZ-51 truck"; 1953 model). Avt.
transp. 34 no.10:39 0 '56. (MLRA 9:12)

(Motortrucks)

NOVOZHILOV, P.M.

Practice of joint operation of electric communications and radio
rediffusion by district communication offices. Vest.svyazi 15
no.12:26-27 D '55. (MLPA 9:3)

1. Starshiy tekhnik territorial'no-tekhnicheskogo uchastka
Oboyanskoy rayonnoy kontory svyazi Kurskoy oblasti.
(Telecommunication)

NOVOZHILOV, P.V.; SVETLOV, K.I.

Gold ore in a tufaceous formation. Trudy VITR no.4:195-197 '61.
(MIRA 14:9)

(Gold ores)

IVANOV, V.A.; NOVOZHILOV, R.M.

Mechanizing labor-consuming processes. Gidroliz. i lesokhim.
prom. 13 no.3:23 '60. (MIRA 13:7)

1. Kiyevskiy lesokhimicheskiy kombinat.
(Kiev—Woodworking machinery)

IVANOV, V.A.; NOVOZHILOV, R.M.

Automatic machine manufacturing paper reels for adhesive tape.
Gidroliz. i lesokhim. prom. 14 no. 1 25-26 '61. (MIRA 14:1)

1. Kiyevskiy lesokhimicheskiy kombinat.
(Kiev--Wood--Chemistry) (Adhesives)

NOVOZHILOV, S. Ya., kandidat tekhnicheskikh nauk.

Similitude method for hydraulic calculations of multistage condenser
pumps. Sudostroenie 22:10-12 S '56. (MIRA 10:1)
(Condensers (Steam)) (Hydraulics)

NOVOZHILOV, S.Ya., kand. tekhn. nauk.

Dynamic balancing of machinery. Sudostroenie 24 no.9:39-40
S '58. (MIRA 11:11)
(Mechanical movements) (Balance)